GOVERNMENT OF INDIA
SPACE
LOK SABHA

UNSTARRED QUESTION NO:5196
ANSWERED ON:30.04.2008
APPLICATION OF ADVANCED TECHNOLOGY IN SPACE ACTIVITIES
Reddy Shri Karunakara G.

Will the Minister of SPACE be pleased to state:

(a) whether the objective to use space technology as an instrument of socio-economic development has been achieved;

(b) if so, the details thereof outlining the major achievements in the field; and

(c) the status of application of advanced technology in space activities in comparison to that of the developed countries?

Answer

MINISTER OF STATE IN THE PRIME MINISTER'S OFFICE AND MINISTER OF STATE IN THE MINISTRY OF PERSONNEL, PUBLIC GRIEVANCES AND PENSIONS (SHRI PRITHVIRAJ CHAVAN):

(a) Yes, Sir.

(b) The major achievements of using the IRS and INSAT satellite systems for socio-economic development of India are:

Satellite based Tele-education programme to spread education at all levels in the country.

Satellite based Tele-Medicine programme to provide health care for remote/rural areas.

Setting up of Village Resource Centres to provide space based services to the rural community.

Satellite based services for Broadcasting, Business Communications, Data Communications, Remote area Communications, Emergency Communications and Mobile Communications.

Satellite based meteorological data for improved weather services.

Natural Resource management applications − Waste land mapping, locating sources of drinking water, forecasting agricultural output, advisories of potential fishing zones, Forestry Management, Bio-diversity characterization of bio rich areas of the country, snow melt run off estimations, land and water resource development.

(c) The Indian Launch Vehicle & Satellite technologies are state-of-the-art and are on par with the technologies of the developed countries.